## REMARKS

Applicants hereby amend Claims 1, 2, 3, 5-10, 13 and 14 and cancel Claims 4 and 12. All of Claims 1-3, 5-11 and 13-14 are believed in condition for allowance.

Specifically, Claims 1 and 9 are amended to include the subject matter of allowable Claims 4 and 12 which should place all of Claims 1, 3, 5, 6, 9, 11, 13 and 14 in condition for allowance. Claims 4 and 12 are hereby cancelled. Also, allowable Claims 2 and 10 are rewritten in independent form which thereby places Claims 2, 7, 8 and 10 in condition for allowance.

Applicants also submit amendments to the Specification to add appropriate headings, and further amend the Abstract for clarity.

Accordingly, further and favorable consideration of this application is requested.

Respectfully submitted,

_Mark L. Maki_

MLM\pcq

FLYNN, THIEL, BOUTELL
   & TANIS, P.C.
2026 Rambling Road
Kalamazoo, MI 49008-1631
Phone: (269) 381-1156
Fax:    (269) 381-5465

| Name | Reg. No. |
|---|---|
| Dale H. Thiel | Reg. No. 24 323 |
| David G. Boutell | Reg. No. 25 072 |
| Ronald J. Tanis | Reg. No. 22 724 |
| Terryence F. Chapman | Reg. No. 32 549 |
| Mark L. Maki | Reg. No. 36 589 |
| Liane L. Churney | Reg. No. 40 694 |
| Brian R. Tumm | Reg. No. 36 328 |
| Steven R. Thiel | Reg. No. 53 685 |
| Sidney B. Williams, Jr. | Reg. No. 24 949 |

Encl:   Marked-Up Amended Abstract
       Postal Card

136.05/04

~~ABSTRACT.~~

IMAGE PROCESSING FOR CLUSTERING RELATED TEXT OBJECTS

ABSTRACT OF THE INVENTION


An image ~~processing~~processor for producing clusters of
related objects in a multi-level digital representation of an
image includes ~~means~~a part for identifying predetermined objects
in the image and for supplying data defining their locations. It
also includes ~~means (12)~~a part for deriving segmentation data
directly from the multi-level digital representation. A
segmentation device ~~(16)~~ receives both sets of data and clusters
the predetermined objects into groups for each segmented region
before providing clustering data for subsequent analysis.